

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method of effecting handoff of a mobile station from a first base station in a first cellular communications system controlled by a first mobile switching control station to a second base station in a second, ~~different~~ cellular system controlled by a second mobile switching control station, said first cellular communications system being a CDMA system, and said second cellular system being a GSM system, the method comprising:

measuring at the mobile station a first parameter of a first signal transmitted by said first base station;

measuring at the mobile station a second parameter of a second signal transmitted by said second base station;

communicating a signal quality message from the mobile station via the first base station to said first mobile switching control station, when the first and second parameters reach a predetermined condition;

generating at the first mobile switching control station an Application Data Delivery Service (ADDS) message containing handoff data ~~information for a channel request message for the second mobile switching control station;~~

communicating the ADDS message ~~information~~ from said first mobile switching control station to said mobile station;

generating at the mobile station a Mobile Application Protocol (MAP) message containing the handoff data ~~from the information from the first mobile switching control station a channel request message for the second mobile switching control station;~~ and

communicating the MAP ~~channel request~~ message from the mobile station to the second mobile switching control station.

2. (Original) The method as claimed in claim 1, further comprising generating at the second mobile switching control station channel information identifying a channel in the second communications system for the mobile station.

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3. (Currently Amended) The method as claimed in claim 2, further comprising establishing communication between said mobile ~~unit~~ station and said second base station in the identified channel.

4. (Currently Amended) The method as claimed in claim 3, further comprising discontinuing communication between said mobile ~~unit~~ station and said first base station.

5. (Currently Amended) The method as claimed in claim 1, wherein said first and second parameters correspond ~~parameter corresponds~~ to signal strength.

6. (Currently Amended) The method as claimed in claim 1, wherein said handoff data includes timing information ~~first cellular communications system is a CDMA system~~.

7. (Currently Amended) The method as claimed in claim 6, wherein said handoff data includes authentication data ~~second cellular communications system is a GSM system~~.

8. (Currently Amended) A mobile station comprising:

a first transceiver chain operable to receive and transmit signals with a first base station in a first cellular communications system, said first cellular communications system being a CDMA system;

a second transceiver chain operable to receive and transmit signals with a second base station in a second cellular communications system, said second cellular communications system being a GSM system; and

a controller for:

measuring a first parameter of a first signal transmitted by said first base station;

measuring a second parameter of a second signal transmitted by said second base station;

communicating a signal quality message from the mobile station via the first base station to said first cellular communications system, when the first and second parameters reach a predetermined condition;

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receiving from the first base station an Application Data Delivery Service (ADDS) message containing handoff data ~~information for a channel request message for the second cellular communications system;~~

generating a Mobile Application Protocol (MAP) message containing the handoff data ~~from the information from the first base station a channel request message for the second cellular communications system;~~ and

communicating the MAP ~~channel request~~ message to the second ~~mobile base~~ station.

9. (Original) The mobile station as claimed in claim 8, wherein the controller is further for receiving from said second base station channel information identifying a channel in the second communications system for the mobile station.

10. (Currently Amended) The mobile station as claimed in claim 9, wherein the controller is arranged to respond to the channel information by establishing communication between said mobile ~~unit~~ station and said second base station in the identified channel.

11. (Currently Amended) The mobile station as claimed in claim 10, wherein the controller is arranged to respond to the channel information by discontinuing communication between said mobile ~~unit~~ station and said first base station.

12. (Currently Amended) The mobile station as claimed in claim 8, wherein said first and second parameters correspond ~~parameter corresponds~~ to signal strength.

13. (Currently Amended) The mobile station as claimed in claim 8, wherein said handoff data includes timing information ~~first cellular communications system is a CDMA system.~~

14. (Currently Amended) The mobile station as claimed in claim 8 ~~claim 13~~, wherein said handoff data includes authentication data ~~second cellular communications system is a GSM system.~~

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15. (Original) The mobile station as claimed in claim 8, wherein the first transceiver chain is active when the second transceiver chain is inactive.

16. (Original) The mobile station as claimed in claim 8, wherein the second transceiver chain is active when the first transceiver chain is inactive.

17. (Currently Amended) An apparatus for effecting handoff of a mobile station from a first base station in a first cellular communications system controlled by a first mobile switching control station to a second base station in a second, ~~different~~ cellular system controlled by a second mobile switching control station, said first cellular communications system being a CDMA system, and said second cellular system being a GSM system, the method comprising:

means for measuring at the mobile station a first parameter of a first signal transmitted by said first base station;

means for measuring at the mobile station a second parameter of a second signal transmitted by said second base station;

means for communicating a signal quality message from the mobile station through the first base station to said first mobile switching control station, when the first and second parameters reach a predetermined condition;

means for generating at the first mobile switching control station an Application Data Delivery Service (ADDS) message containing handoff data ~~information for a channel request message for the second mobile switching control station;~~

means for communicating the ADDS message ~~information~~ from said first mobile switching control station to said mobile station;

means for generating at the mobile station a Mobile Application Protocol (MAP) message containing the handoff data ~~from the information from the first mobile switching control station a channel request message for the second mobile switching control station; and~~

means for communicating the MAP ~~channel request~~ message from the mobile station to the second mobile switching control station.

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18. (Original) The apparatus as claimed in claim 17, further comprising means for generating at the second mobile switching control station channel information identifying a channel in the second communications system for the mobile station.

19. (Currently Amended) The apparatus as claimed in claim 18, further comprising means for establishing communication between said mobile ~~unit~~ station and said second base station in the identified channel.

20. (Currently Amended) The apparatus as claimed in claim 19, further comprising means for discontinuing communication between said mobile ~~unit~~ station and said first base station.

21. (Currently Amended) The apparatus as claimed in claim 17, wherein said first and second parameters correspond ~~parameter corresponds~~ to signal strength.

22. (Currently Amended) The apparatus as claimed in claim 17, wherein said handoff data includes timing information ~~first cellular communications system is a CDMA system~~.

23. (Currently Amended) The apparatus as claimed in ~~claim 22~~ claim 17, wherein said handoff data includes authentication data ~~second cellular communications system is a GSM system~~.

24. (Canceled)